

Kenneth Faurillo 201812633

ME 8: Containerization and Docker

Activity 4

Searching for **python** images

```
Windows PowerShell
PS C:\Users\Kenneth> docker search python
```

NAME	DESCRIPTION	STARS	OFFICIAL	AUTOMATED
python	Python is an interpreted, interactive, objec...	6179	[OK]	
django	Django is a free web application framework, ..	1075	[OK]	
pypy	PyPy is a fast, compliant alternative implem...	274	[OK]	
nikolaik/python-nodejs	Python with Node.js	74		[OK]
joyzourisky/python-chromedriver	Python with Chromedriver, for running automa...	58		[OK]
arm32v7/python	Python is an interpreted, interactive, objec...	57		
circleci/python	Python is an interpreted, interactive, objec...	43		
centos/python-35-centos7	Platform for building and running Python 3.5...	39		
centos/python-36-centos7	Platform for building and running Python 3.6...	32		
hylang	Hy is a Lisp dialect that translates express...	32	[OK]	
arm64v8/python	Python is an interpreted, interactive, objec...	24		
centos/python-27-centos7	Platform for building and running Python 2.7...	17		
bitnami/python	Bitnami Python Docker Image	10		[OK]
publicisworldwide/python-conoda	Basic Python environments with Conda.	6		[OK]
d3fk/python_in_bottle	Simple python:alpine completed by Bottle+Req...	5		[OK]
dockershelf/python	Repository for docker images of Python. Test...	5		[OK]
i386/python	Python is an interpreted, interactive, objec...	3		
clearlinux/python	Python programming interpreted language with...	3		
ppc64le/python	Python is an interpreted, interactive, objec...	2		
centos/python-34-centos7	Platform for building and running Python 3.4...	2		
komand/python-plugin	DEPRECATED: Komand Python SDK	2		[OK]
and4u/python	Python is an interpreted, interactive, objec...	1		
saagic/python	Repo for python jobs	0		
s390x/python	Python is an interpreted, interactive, objec...	0		
ccitest/python	CircleCI test images for Python	0		[OK]

```
PS C:\Users\Kenneth>
```

Retagging and deleting image

```
Windows PowerShell
PS C:\Users\Kenneth> docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
ping	latest	5fba5bdcaa95	17 hours ago	139MB
ubuntu	16.04	9ff95a467e45	6 days ago	135MB

```
PS C:\Users\Kenneth> docker tag ping kennethfau/ping
PS C:\Users\Kenneth> docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
ping	latest	5fba5bdcaa95	17 hours ago	139MB
kennethfau/ping	latest	5fba5bdcaa95	17 hours ago	139MB
ubuntu	16.04	9ff95a467e45	6 days ago	135MB

```
PS C:\Users\Kenneth> docker rmi ping
Untagged: ping:latest
PS C:\Users\Kenneth> docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
kennethfau/ping	latest	5fba5bdcaa95	17 hours ago	139MB
ubuntu	16.04	9ff95a467e45	6 days ago	135MB

```
PS C:\Users\Kenneth>
```

Pushing image

```
Windows PowerShell
PS C:\Users\Kenneth> docker push kennethfau/ping:latest
The push refers to repository [docker.io/kennethfau/ping]
be12cf2ea669: Pushed
cdc4d0cd3d15: Layer already exists
43d85a2c9517: Layer already exists
1902cf049561: Layer already exists
9fa04650404a: Layer already exists
latest: digest: sha256:1b01d7369296e3623631fb19e9703400575fba246e0eef91e0c93aa0a1e45fa9 size: 1361
PS C:\Users\Kenneth>
```

DockerHub repository

